

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1           1.       (Currently Amended) A method of perforating and surging a section of a  
2 wellbore extending from a well surface, comprising:  
3               running a perforating gun into the wellbore on a string having an isolation valve  
4 above the perforating gun;  
5               closing the isolation valve;  
6               perforating the well with the isolation valve closed so that the formation is  
7 isolated from the well surface;  
8               providing a chamber underneath the isolation valve;  
9               opening the chamber prior to perforating to create an underbalance condition in a  
10 region of the wellbore below the isolation valve;  
11               providing an underbalance pressure above the isolation valve; and  
12               ~~then~~ after perforating, opening the isolation valve to surge the formation.

1           2.       (Original) The method of claim 1, wherein the running, perforating, and opening  
2 acts are performed in a single trip

1           3.       (Currently Amended) The method of claim 1, further comprising providing a  
2 tubing above the isolation valve in the string, wherein providing the underbalance ~~condition~~  
3 pressure above the isolation valve comprises providing the underbalance ~~condition~~ pressure in  
4 the tubing.

1           4.       (Cancelled).

1           5.       (Currently Amended) The method of claim ~~[[4]]~~ 1, wherein opening the chamber  
2 comprises opening one or more ports of the chamber to create the underbalance condition in the  
3 region of the wellbore below the isolation valve.

1           6.       (Currently Amended) The method of claim [[4]] 5, wherein opening the one or  
2 more ports comprises opening the one or more ports by explosive force.

1           7.       (New) The method of claim 5, wherein creating the underbalance condition in the  
2 region of the wellbore below the isolation valve by opening the chamber enables perforating in  
3 the underbalanced condition.